

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107594.D
 Acq On : 23 Jul 2018 17:58
 Operator : JU/SJ
 Sample : J4062-31
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Jul 24 03:19:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	283809	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1009080	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	387977	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	687450	20.00	ng	0.00
75) Chrysene-d12	14.17	240	523369	20.00	ng	0.00
86) Perylene-d12	15.71	264	407321	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1414329	80.12	ng	0.00
7) Phenol-d6	6.61	99	1716831	81.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	980951	65.61	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	367001	83.18	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1542862	63.35	ng	0.00
78) Terphenyl-d14	13.10	244	1340631	65.58	ng	0.00

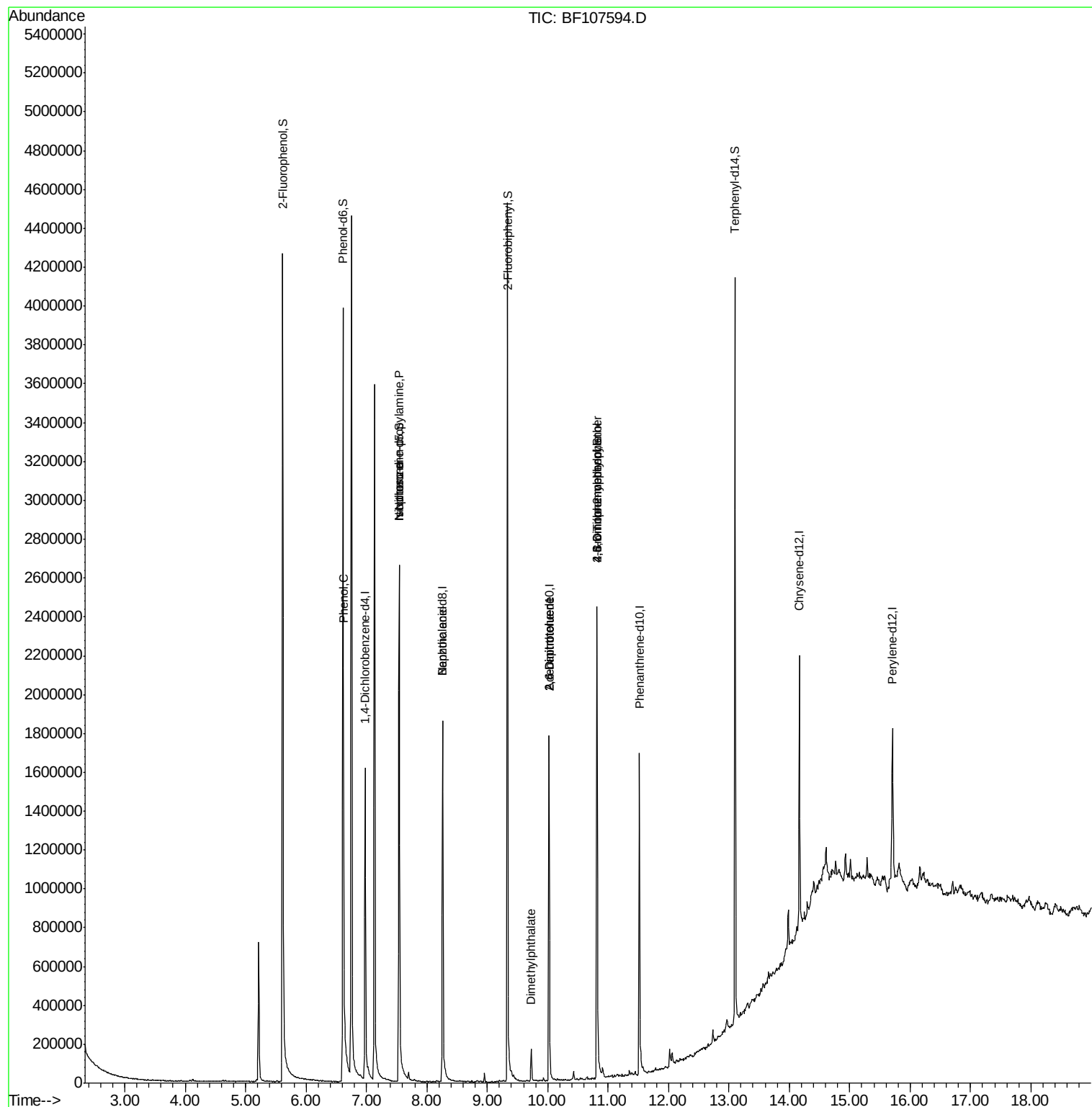
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.61	77	3538	Below Cal		# 1
10) Phenol	6.62	94	70103	2.812	ng	# 75
19) n-Nitroso-di-n-propylamine	7.54	70	131386	9.595	ng	# 78
25) Isophorone	7.54	82	980941	30.726	ng	# 64
32) Benzoic acid	8.27	122	109	7.909	ng	# 1
49) Dimethylphthalate	9.72	163	74758	2.557	ng	# 99
50) 2,6-Dinitrotoluene	10.02	165	48340	8.327	ng	# 25
56) 2,4-Dinitrotoluene	10.02	165	48608	6.936	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	644	8.840	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	21877	2.703	ng	# 1
73) Di-n-butylphthalate	12.06	149	34823	Below Cal		# 99
81) 3,3'-Dichlorobenzidine	14.14	252	1320	Below Cal		# 54

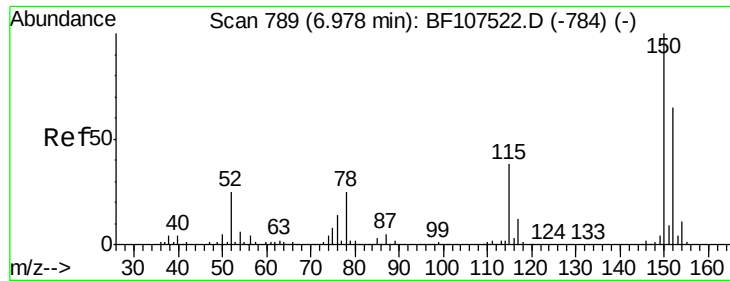
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
Data File : BF107594.D
Acq On : 23 Jul 2018 17:58
Operator : JU/SJ
Sample : J4062-31
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-11

Quant Time: Jul 24 03:19:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

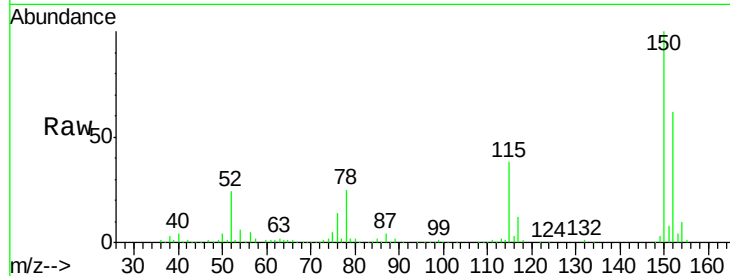




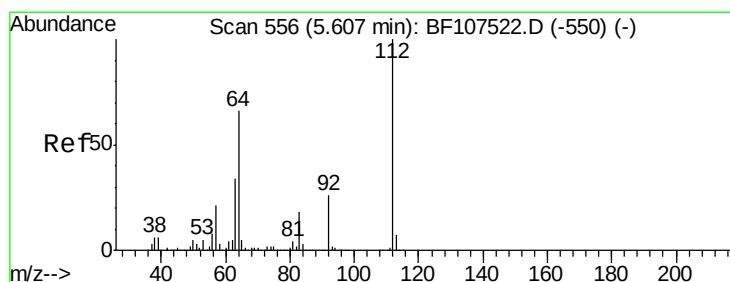
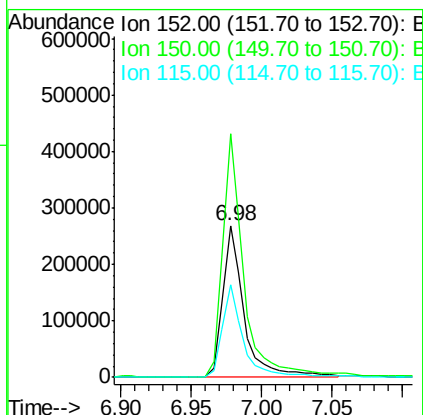
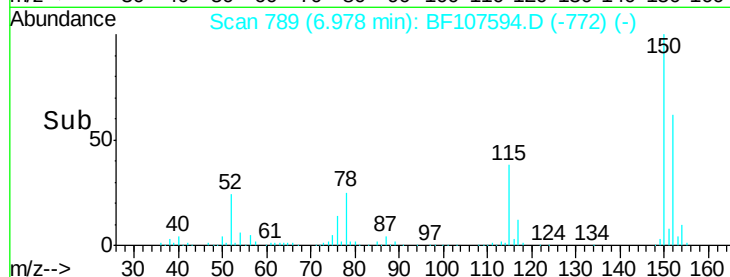
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:152 Resp: 283809
 Ion Ratio Lower Upper
 152 100
 150 160.3 124.6 186.8
 115 60.8 50.1 75.1

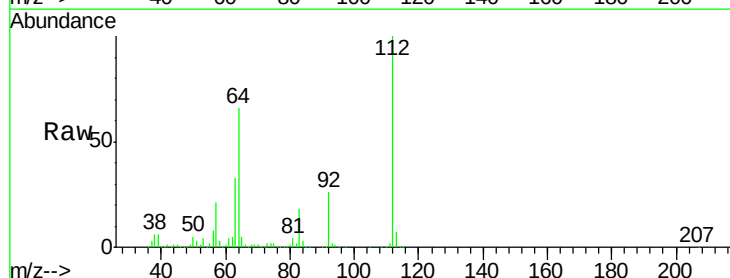


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

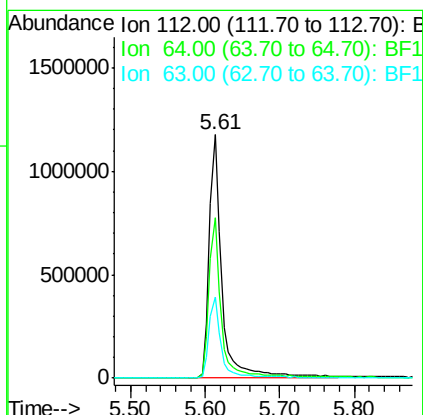
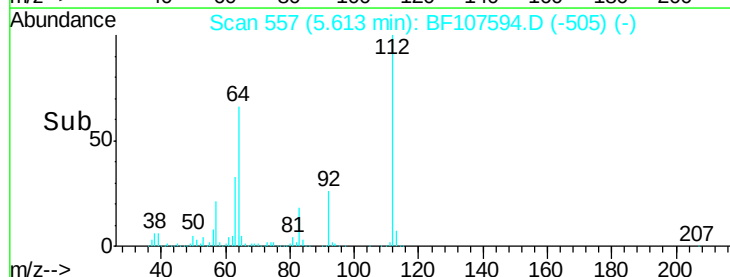


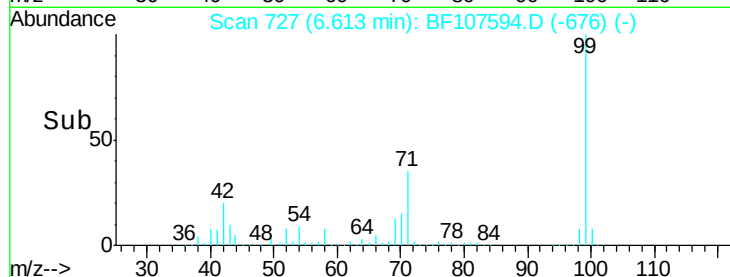
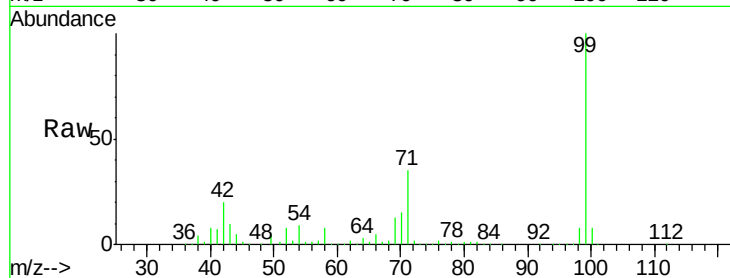
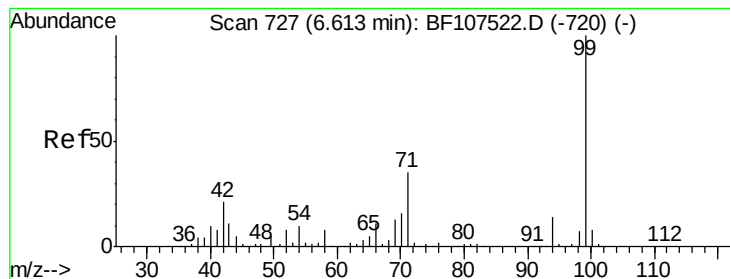
#5
 2-Fluorophenol
 Concen: 80.123 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Tgt Ion:112 Resp: 1414329
 Ion Ratio Lower Upper
 112 100
 64 65.7 47.9 71.9
 63 33.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.000 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

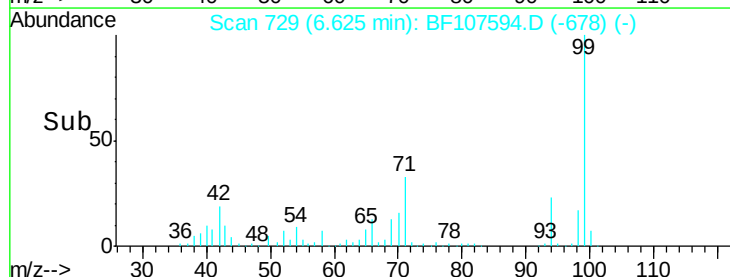
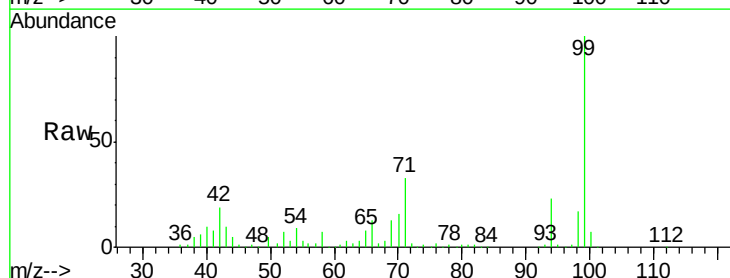
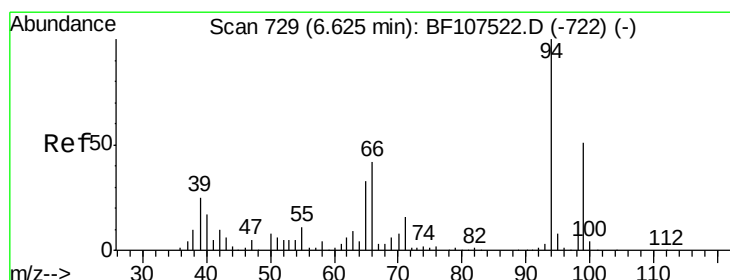
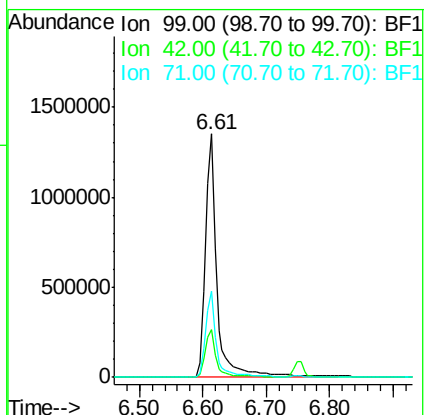
Tgt Ion: 99 Resp: 1716831

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 35.3 25.4 38.0



#10

Phenol

Concen: 2.812 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

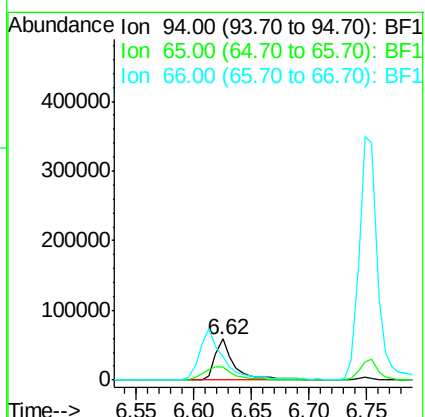
Tgt Ion: 94 Resp: 70103

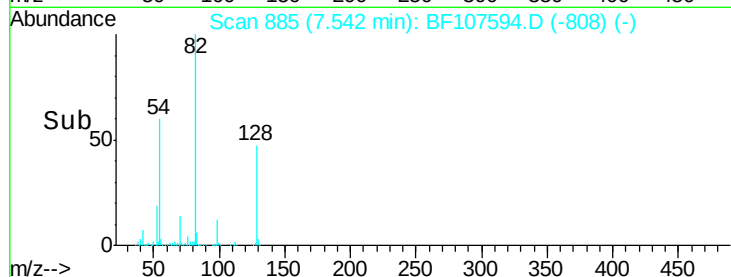
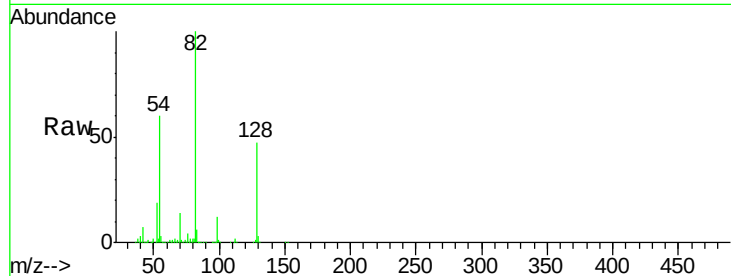
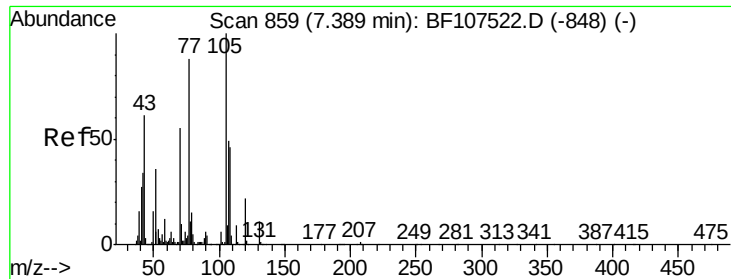
Ion Ratio Lower Upper

94 100

65 33.6 7.9 47.9

66 57.9 16.2 56.2#

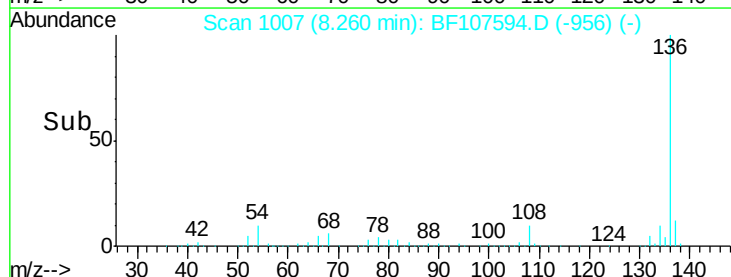
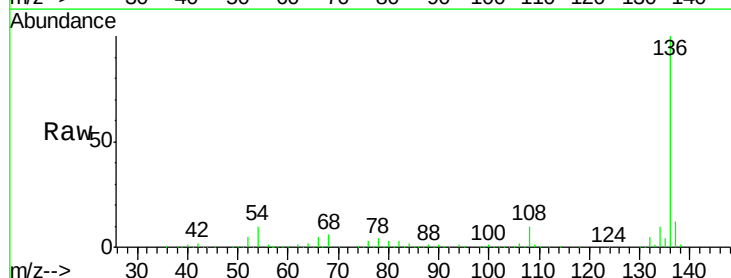
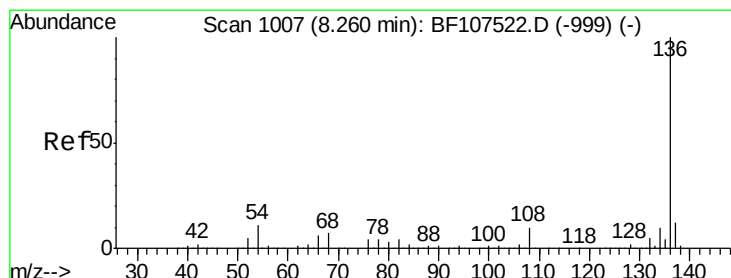
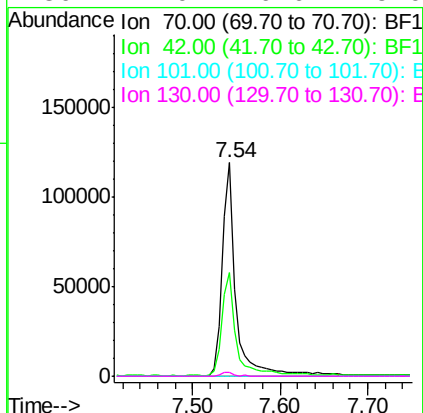




#19
n-Nitroso-di-n-propylamine
Concen: 9.595 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

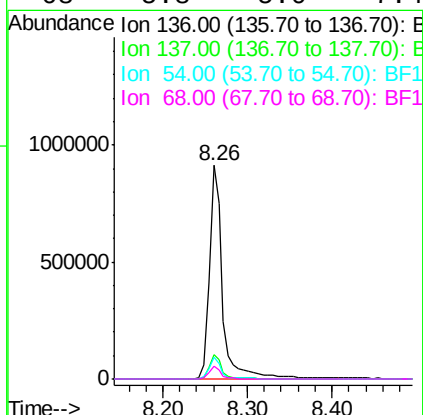
Instrument :
BNA_F
ClientSampleId :
TP-11

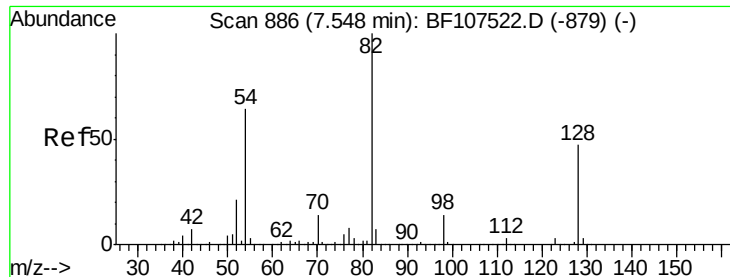
Tgt Ion: 70 Resp: 131386
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Tgt Ion: 136 Resp: 1009080
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 10.4 6.6 9.8#
68 5.8 5.0 7.4

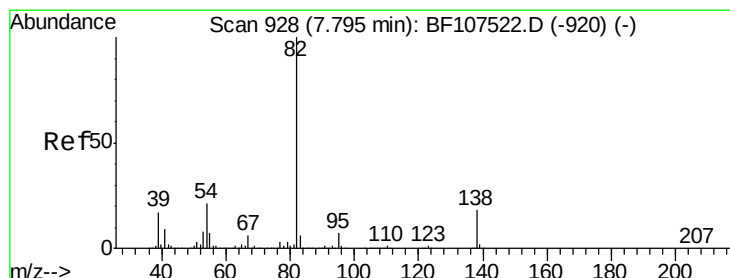
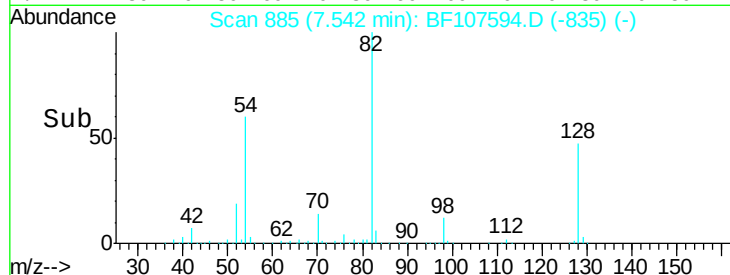
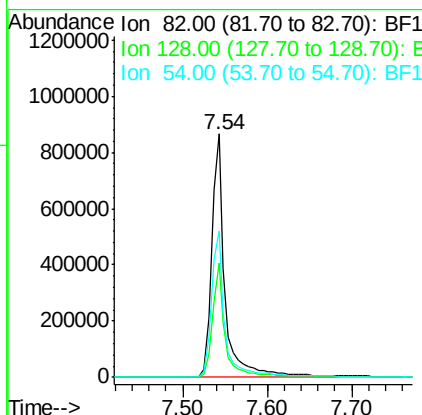
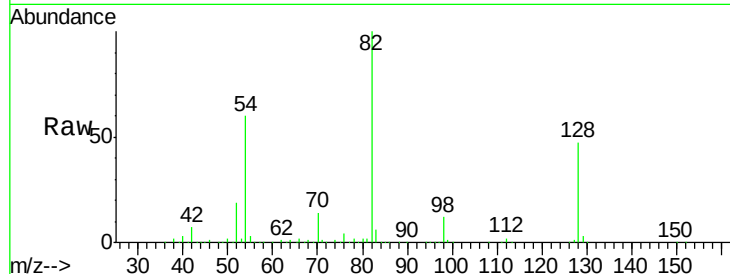




#23
 Nitrobenzene-d5
 Concen: 65.606 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

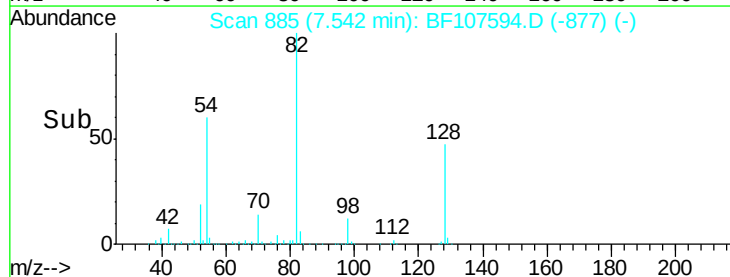
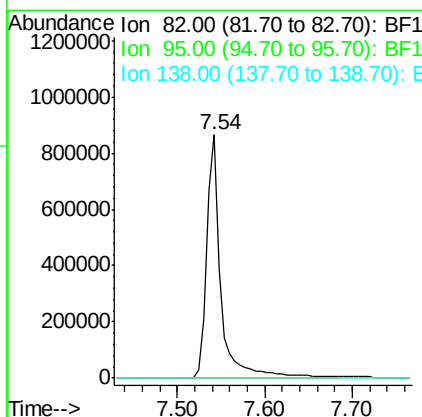
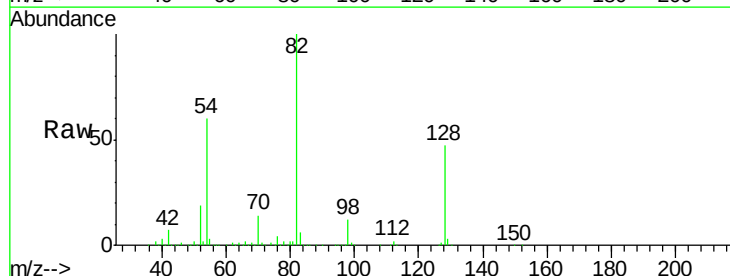
Instrument :
 BNA_F
 ClientSampled :
 TP-11

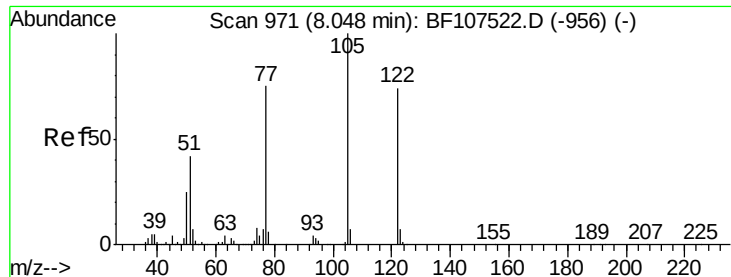
Tgt Ion: 82 Resp: 980951
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.1 54.1
 54 59.9 41.4 62.2



#25
 Isophorone
 Concen: 30.726 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.25 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Tgt Ion: 82 Resp: 980941
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

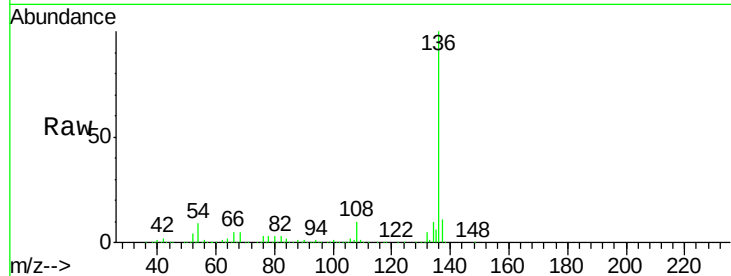




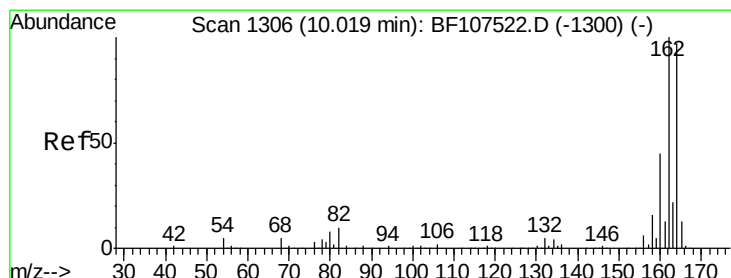
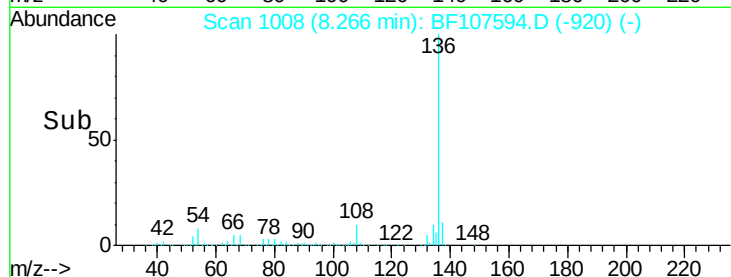
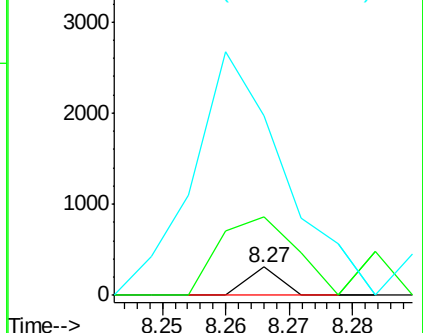
#32
Benzoic acid
Concen: 7.909 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.22 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 275.8 101.1 141.1#
77 635.5 70.7 110.7#

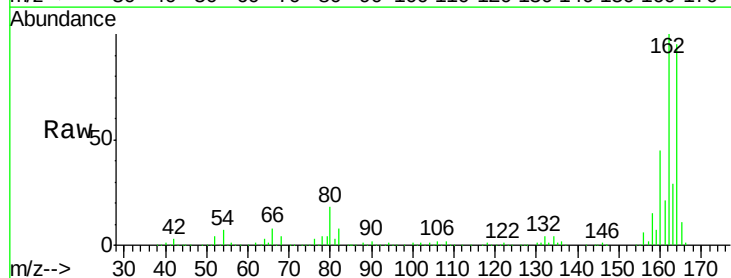


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

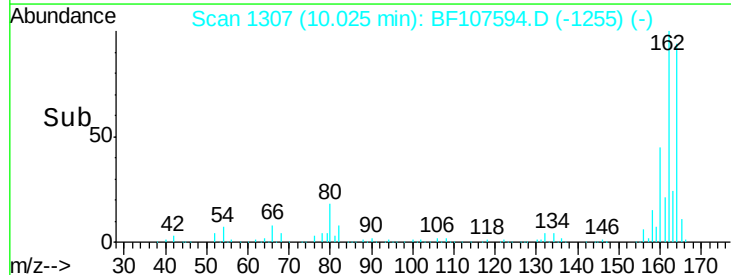
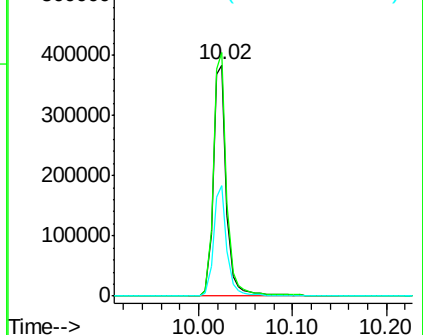


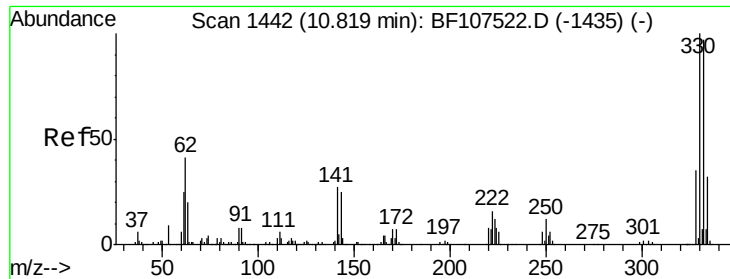
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Tgt Ion:164 Resp: 387977
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 47.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

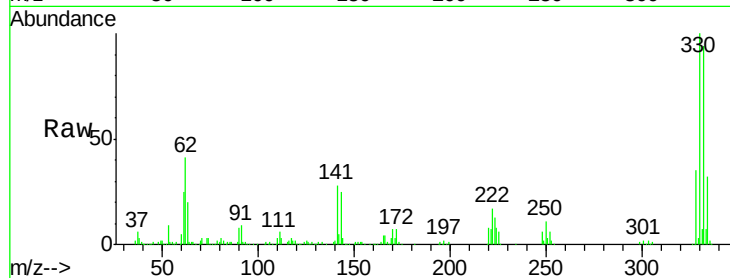




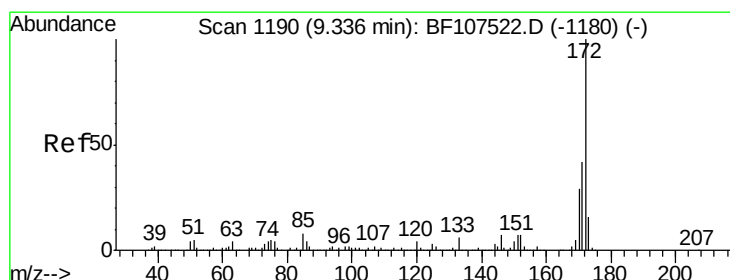
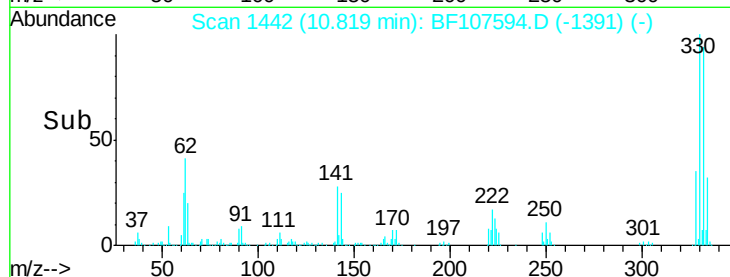
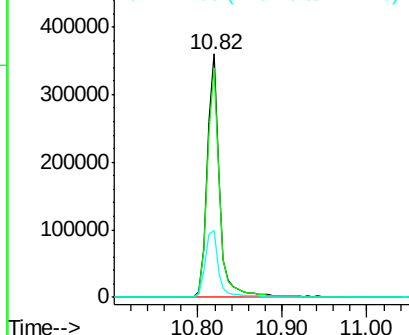
#41
 2,4,6-Tribromophenol
 Concen: 83.184 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:330 Resp: 367001
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 30.4 29.9 44.9

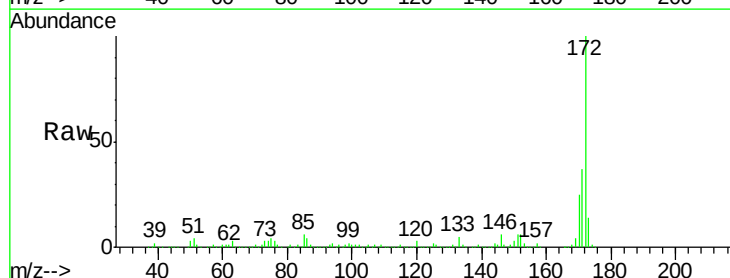


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

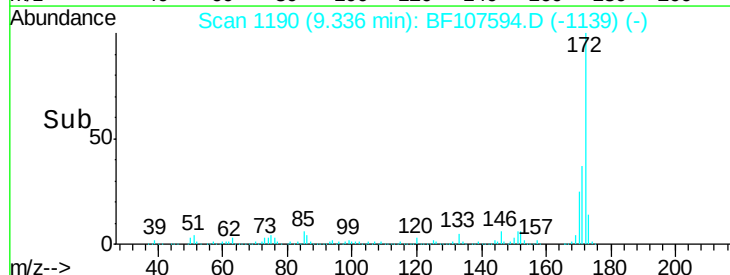
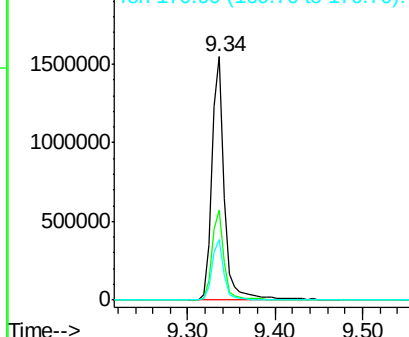


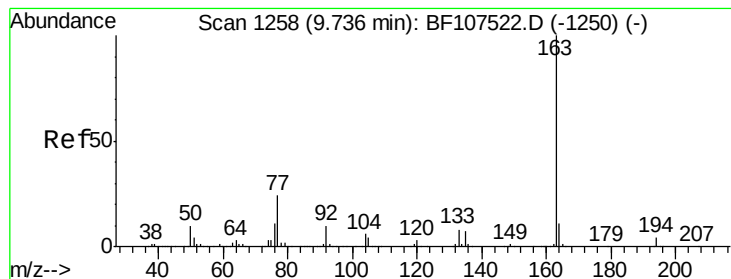
#44
 2-Fluorobiphenyl
 Concen: 63.350 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107594.D
 Acq: 23 Jul 2018 17:58

Tgt Ion:172 Resp: 1542862
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.557 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

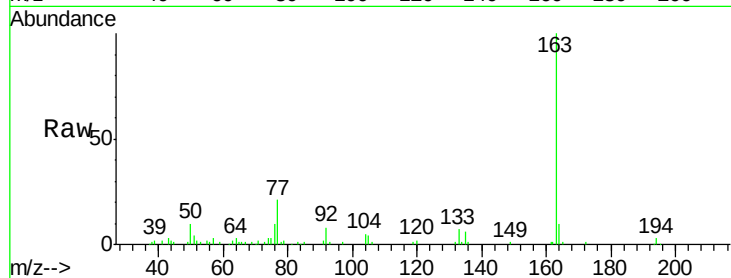
Tgt Ion:163 Resp: 74758

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

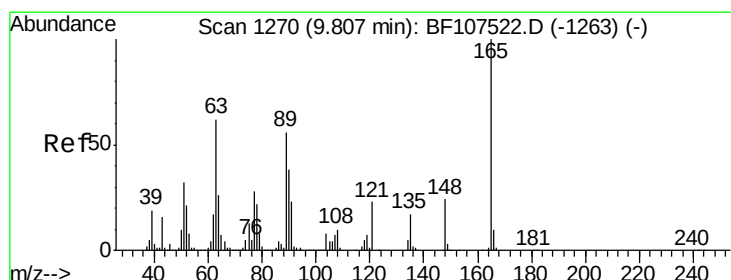
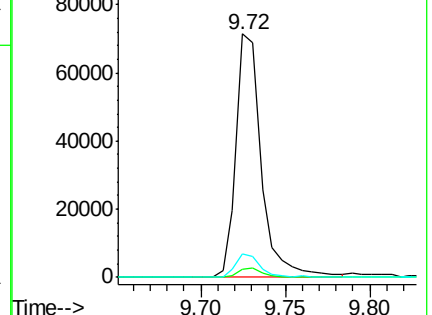
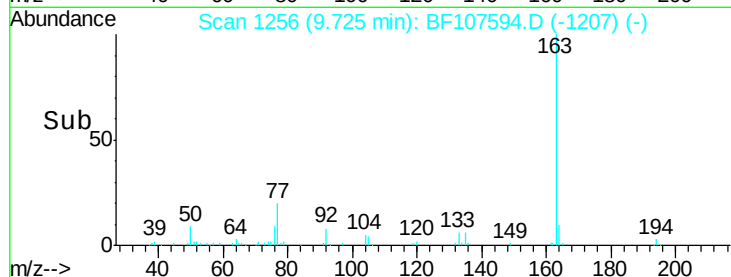
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 8.327 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

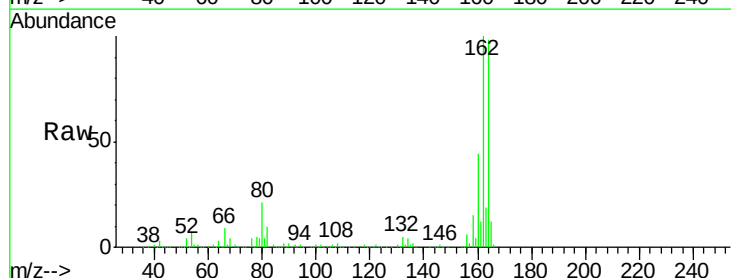
Tgt Ion:165 Resp: 48340

Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

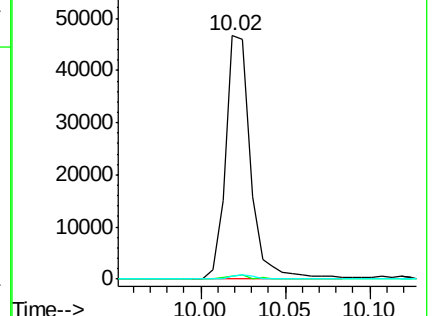
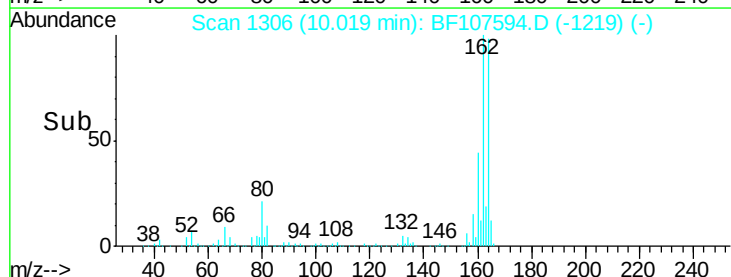
89 1.2 44.0 66.0#

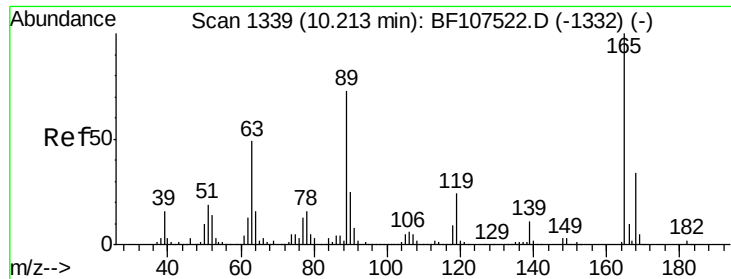


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

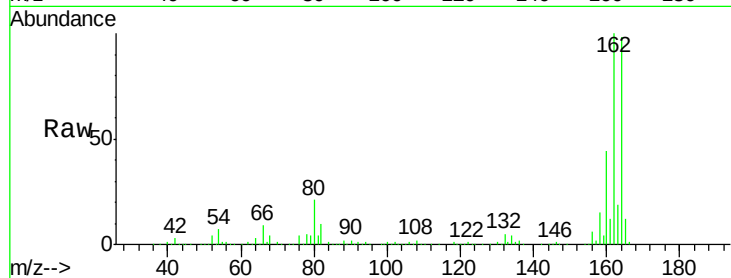




#56
2,4-Dinitrotoluene
Concen: 6.936 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

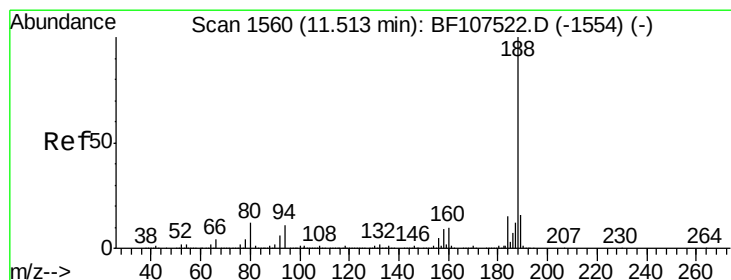
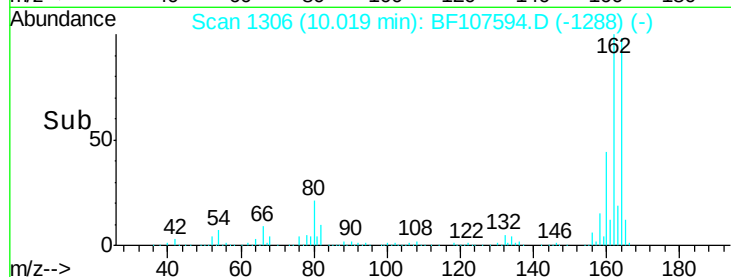
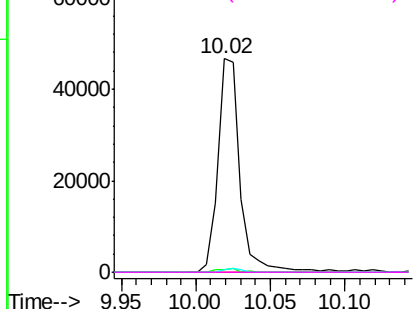


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

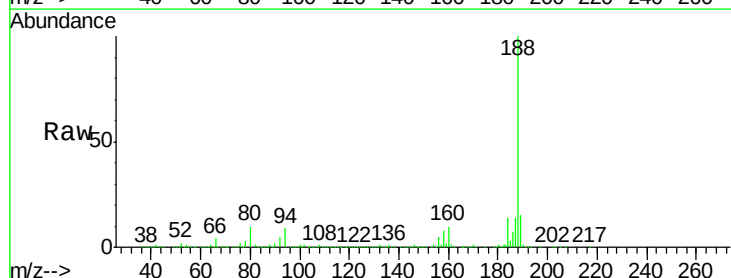
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107594.D
Acq: 23 Jul 2018 17:58

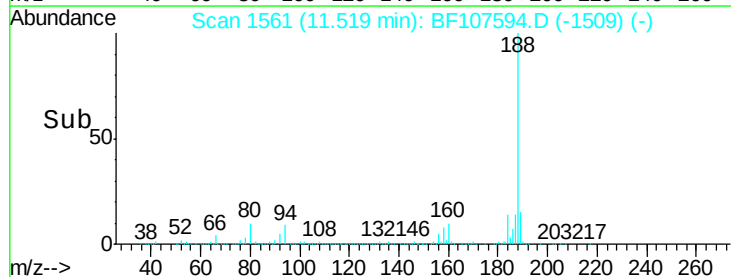
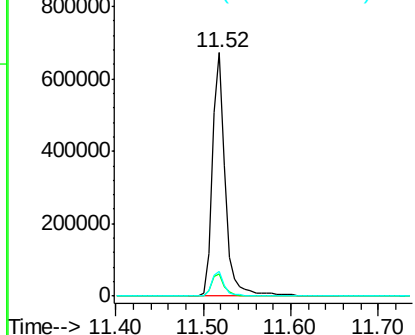
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8

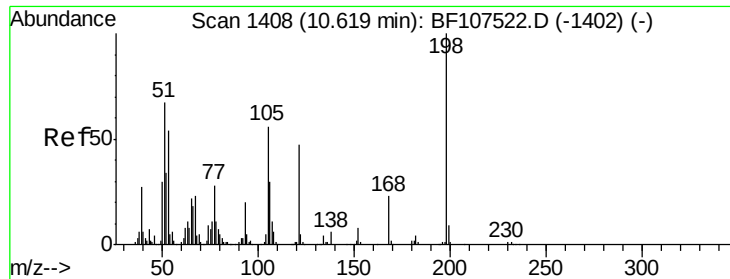


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.840 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.19 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampled :

TP-11

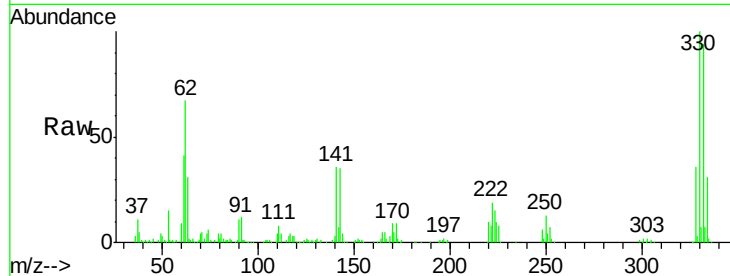
Tgt Ion:198 Resp: 644

Ion Ratio Lower Upper

198 100

51 224.5 37.7 77.7#

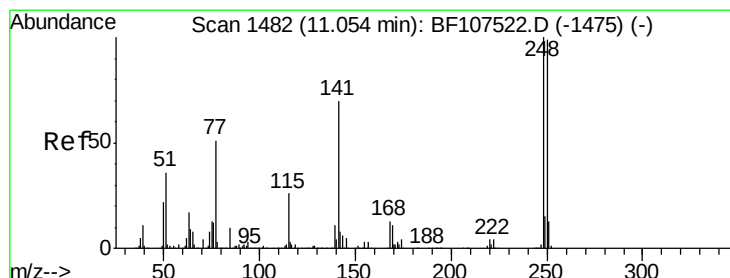
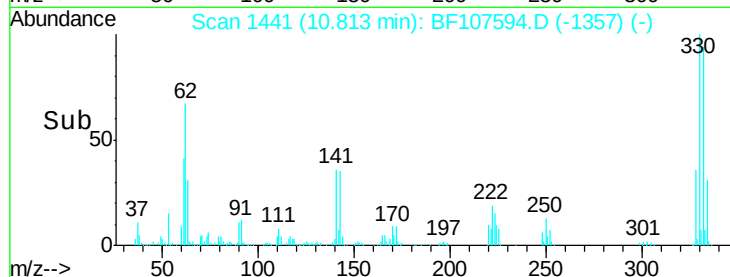
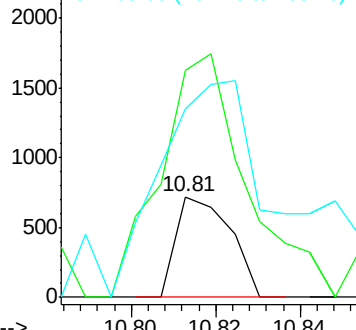
105 187.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.703 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.24 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

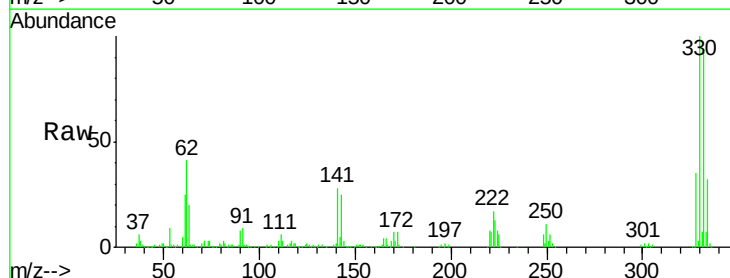
Tgt Ion:248 Resp: 21877

Ion Ratio Lower Upper

248 100

250 184.1 76.9 115.3#

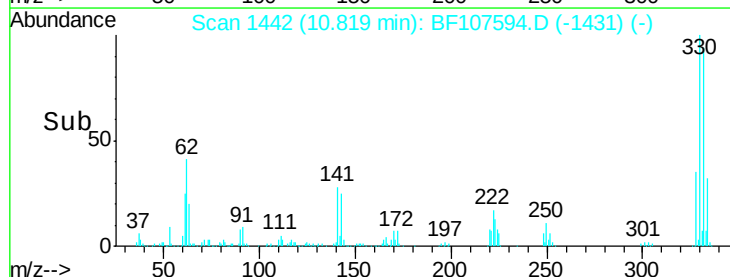
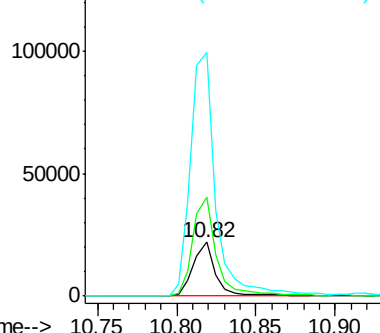
141 452.0 74.4 111.6#

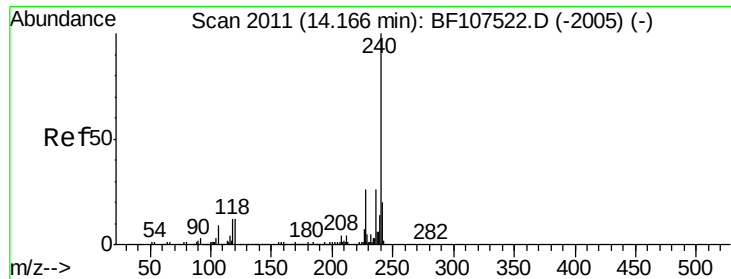


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

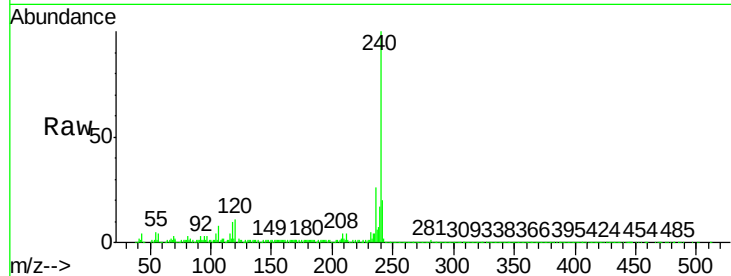
Tgt Ion:240 Resp: 523369

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

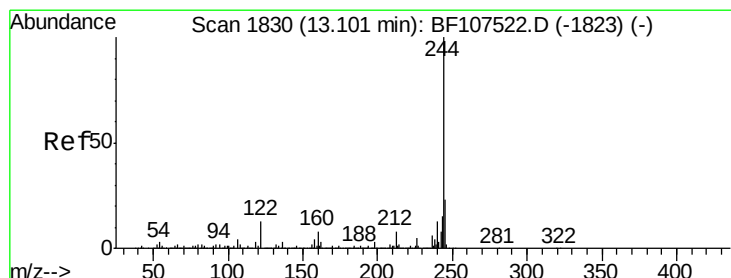
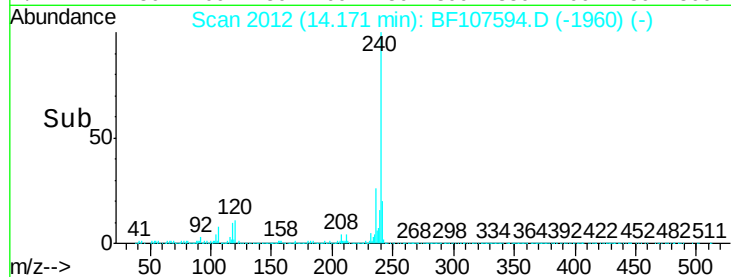
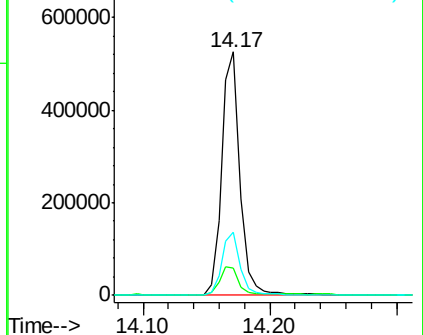
236 26.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 65.578 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

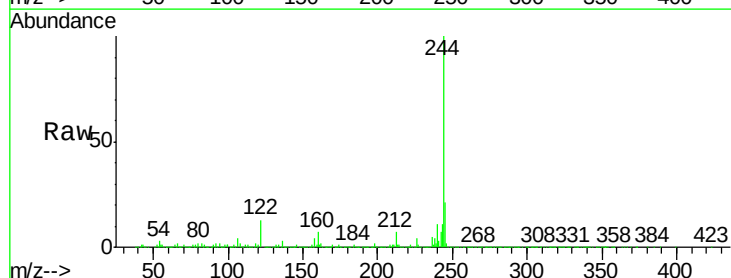
Tgt Ion:244 Resp: 1340631

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

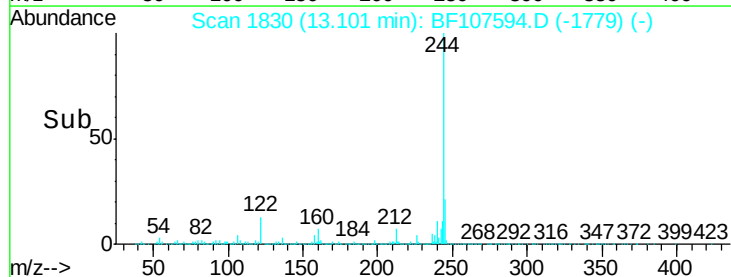
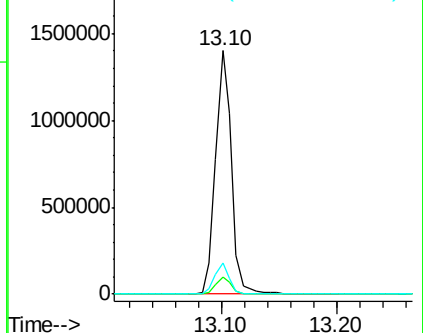
122 12.7 11.0 16.4

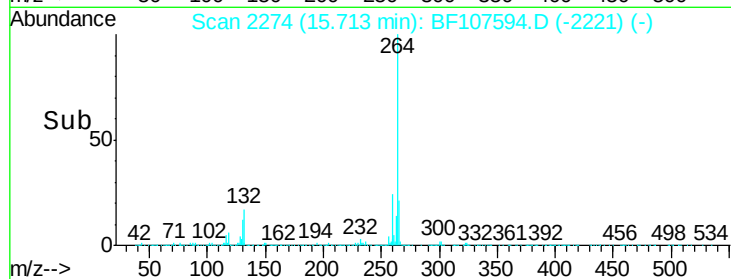
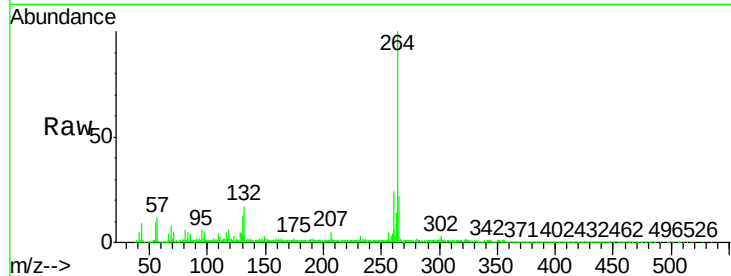
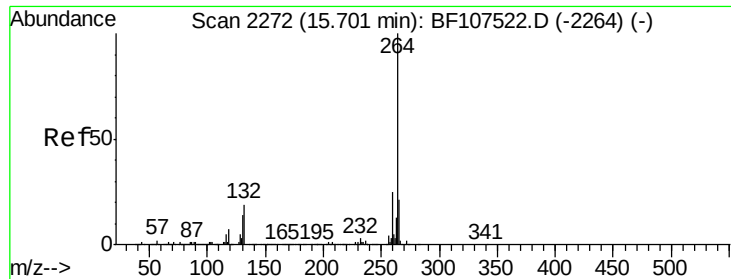


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF107594.D

Acq: 23 Jul 2018 17:58

Instrument :

BNA_F

ClientSampleId :

TP-11

Tgt Ion: 264 Resp: 407321

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.5 26.3

